

| Application No.  | Applicant(s)   |  |  |  |  |  |  |  |  |
|------------------|----------------|--|--|--|--|--|--|--|--|
| 10/602,255       | CHAPMAN ET AL. |  |  |  |  |  |  |  |  |
| Examiner         | Art Unit       |  |  |  |  |  |  |  |  |
|                  |                |  |  |  |  |  |  |  |  |
| Nathan M. Nutter | 1711           |  |  |  |  |  |  |  |  |

|                |      |     |       |                    | IS    | SUE C                             | LASSIF    | ICATIO    | NC                      |                    |     |  |  |  |  |  |  |
|----------------|------|-----|-------|--------------------|-------|-----------------------------------|-----------|-----------|-------------------------|--------------------|-----|--|--|--|--|--|--|
|                |      |     | ORI   | GINAL              |       | CROSS REFERENCE(S)                |           |           |                         |                    |     |  |  |  |  |  |  |
| CLASS SUBCLASS |      |     |       |                    | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) |           |           |                         |                    |     |  |  |  |  |  |  |
|                | 52   | 5   |       | 191                | 525   | 199                               | 214       | 217       | 227                     | 239                | 240 |  |  |  |  |  |  |
| Į.             | NTEF | NAT | IONAL | CLASSIFICATION     |       |                                   |           |           |                         |                    |     |  |  |  |  |  |  |
| С              | 0    | 8   | L     | 23/00              |       |                                   |           |           |                         |                    |     |  |  |  |  |  |  |
| С              | 0    | 8   | L     | 23/04              |       |                                   |           |           |                         |                    |     |  |  |  |  |  |  |
| С              | 0    | 8   | L     | 27/04              |       |                                   |           |           |                         |                    |     |  |  |  |  |  |  |
| С              | 0    | 8   | L     | 27/12              |       |                                   |           |           |                         |                    |     |  |  |  |  |  |  |
| С              | 0    | 8   | L     | 33/14              |       |                                   |           |           |                         |                    |     |  |  |  |  |  |  |
|                |      | (As |       | it Examiner) (Date | ))    |                                   | Nathan N  | Л. Nutter | Total Claims Allowed: 8 |                    |     |  |  |  |  |  |  |
|                | (Li  |     |       |                    | Date) | Uat                               | Primary E |           | O.<br>Print C           | O.G.<br>Print Fig. |     |  |  |  |  |  |  |

|        | Claims renumbered in the same order as presented by applicant |          |       |          |          |       |          |         |       | cant     | ☐ CPA |       |          | □ T.D. |         |          | ☐ R.1.47 |       |          |
|--------|---|----------|-------|----------|----------|-------|----------|---------|-------|----------|-------|-------|----------|--------|---------|----------|----------|-------|----------|
| Final  | Original  |          | Final | Original |          | Finaf | Original |         | Final | Original |       | Final | Original |        | Final   | Original |          | Final | Original |
| 1      | 1   |          |       | 31       |          |       | 61       |         |       | 91       |       |       | 121      |        |         | 151      |          |       | 181      |
| 2      | 2   |          |       | 32       |          |       | 62       |         |       | 92       |       |       | 122      |        |         | 152      |          |       | 182      |
| 3      | 3   |          |       | 33       |          |       | 63       |         |       | 93       |       |       | 123      |        |         | 153      |          |       | 183      |
| 4      | 4   |          |       | 34       |          |       | 64       |         |       | 94       |       |       | 124      |        |         | 154      |          |       | 184      |
| 5      | 5   |          |       | 35       |          |       | 65       |         |       | 95       |       |       | 125      |        |         | 155      |          |       | 185      |
|        | 6   |          |       | 36       |          |       | 66       |         |       | 96       |       |       | 126      |        |         | 156      |          |       | 186      |
| 6      | 7   |          |       | 37       |          |       | 67       |         |       | 97       |       |       | 127      |        |         | 157      |          |       | 187      |
| 7      | 8   |          |       | 38       |          |       | 68       |         |       | 98       |       |       | 128      |        |         | 158      |          |       | 188      |
|        | 9   |          |       | 39       |          |       | 69       |         |       | 99       |       |       | 129      |        |         | 159      |          |       | 189      |
|        | 10  |          |       | 40       |          |       | 70       |         |       | 100      |       |       | 130      |        |         | 160      |          |       | 190      |
| 8      | 11  |          |       | 41       |          |       | 71       |         |       | 101      |       |       | 131      |        |         | 161      |          |       | 191      |
|        | 12  |          |       | 42       |          |       | 72       |         |       | 102      |       |       | 132      |        |         | 162      |          |       | 192      |
|        | 13  |          |       | 43       |          |       | 73       |         |       | 103      |       |       | 133      |        |         | 163      |          |       | 193      |
|        | 14  |          |       | 44       |          |       | 74       |         |       | 104      |       |       | 134      |        |         | 164      |          |       | 194      |
|        | 15  |          |       | 45       |          |       | 75       |         |       | 105      |       |       | 135      |        |         | 165      |          |       | 195      |
|        | 16  |          |       | 46       |          |       | 76       |         |       | 106      |       |       | 136      |        |         | 166      |          |       | 196      |
|        | 17  |          |       | 47       |          |       | 77       |         |       | 107      |       |       | 137      |        |         | 167      |          |       | 197      |
|        | 18  |          |       | 48       |          |       | 78       |         |       | 108      |       |       | 138      |        |         | 168      |          |       | 198      |
|        | 19  |          |       | 49       |          |       | 79       |         |       | 109      |       |       | 139      |        |         | 169      |          |       | 199      |
|        | 20  |          |       | 50       |          |       | 80       |         |       | 110      |       |       | 140      |        | <u></u> | 170      |          |       | 200      |
|        | 21  |          |       | 51       |          |       | 81       |         |       | 111      |       |       | 141.     |        |         | 171      |          |       | 201      |
|        | 22  |          |       | 52       |          |       | 82       |         |       | 112      |       |       | 142      |        |         | 172      |          |       | 202      |
|        | 23  |          |       | 53       |          |       | 83       |         |       | 113      |       |       | 143      |        |         | 173      |          |       | 203      |
|        | 24  |          |       | 54       |          |       | 84       |         |       | 114      |       |       | 144      |        |         | 174      |          |       | 204      |
|        | 25  |          |       | 55       |          |       | 85       |         |       | 115      |       |       | 145      |        |         | 175      |          |       | 205      |
|        | 26  |          |       | 56       |          |       | 86       |         |       | 116      |       |       | 146      |        |         | 176      |          |       | 206      |
|        | 27  | ļ        |       | 57       | <b></b>  |       | 87       |         |       | 117      |       |       | 147      |        |         | 177      |          |       | 207      |
|        | 28  |          |       | 58       | <b> </b> |       | 88_      | <b></b> |       | 118      |       |       | 148      |        |         | 178      |          |       | 208      |
|        | 29  |          |       | 59       | <b>.</b> |       | 89       |         |       | 119      |       |       | 149      |        |         | 179      |          |       | 209      |
| لــــا | 30  | <u> </u> |       | 60       |          |       | 90       |         |       | 120      |       |       | 150      |        |         | 180      | <u> </u> | L     | 210      |